

Declaration of Conformity

In Accordance with ANSI/ISEA 125-2014 and ANSI/ASSP Z359.7-2019

Declaration #: DOC-UFS354002

Declaration Date: 01/31/2024

Item #: UFS354002

Description: KStrong® Micron™ 6 ft. SRL with Rebar Hook (ANSI) - Installation carabiner included

Brand Name: KStrong

Manufacturer: KStrong

Address: 150 N. Radnor Chester Road, Suite F200, Radnor, PA 19087

Additional Items Conforming
Under this Declaration (If Applicable):

KStrong declares that the product(s) listed above is in conformity with the requirements of the following performance standard(s):

ANSI Z359.14-2021 Class 1

Conformity Assessment Method in accordance with ANSI/ISEA 125-2014



Level 1:

KStrong Lab Outside the Scope of ISO/IEC Standard 17025:2017



Level 2:

KStrong Lab Within the Scope of ISO/IEC Standard 17025:2017



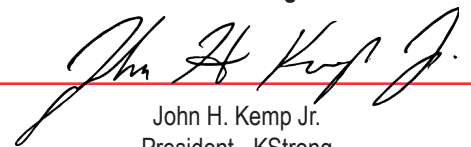
Level 3:

Independent 3rd Party Lab accredited to ISO/IEC Standard 17025:2017

Supporting Documentation: KS-Test-UFS354002.pdf

This Certificate is a guarantee that the above standard(s) was met by the requirements of such standard. Testing was performed under normal operation mode. The results of testing apply only to the particular sample tested and the specific test carried out. This Certificate is only issued for products which have passed the testing requirements of listed standard(s).

Authorized Signature:



John H. Kemp Jr.
President - KStrong

ISO 17025 Accredited Test Laboratory

intertek
Total Quality. Assured.



Intertek Testing Services NA, Inc.
3933 US Rt. 11
Cortland, NY 13045
Tel: 1 607-753-6711
www.intertek.com

Accrediting Agency



A2LA
5202 Presidents Court, Ste 220
Frederick, MD 21703
Tel: 301.644.3248
info@A2LA.org

Test Verification of Conformity

Verification Number: 105713099CRT-002

On the basis of the referenced test report(s), sample(s) of the below product have been found to comply with the harmonized standards and Directives listed on this verification at the time the tests were carried out. Other standards and Directives may be relevant to the product. This verification is part of the full test report(s) and should be read in conjunction with it(them).

Applicant Name & Address: KStrong Inc.
150 N. Radnor Chester Rd. Suite F200
Radnor, PA 19087
USA

Product Description: Self-Retracting Device

Models/Type References: UFS359002, UFS351102, UFS350002, UFS354002, UFS356002, UFS359506

Brand Name: KStrong Inc.

Relevant Standards: ANSI Z359.14 - 2021

Verification Issuing Office Name & Address: Intertek Testing Services NA, Inc.
3933 US Rt-11
Cortland, NY 13045
USA

Date of Tests: 04/11/2023 – 04/12/2023

Test Report Number(s): 105713099CRT-001

Signature:



Name:
Position:
Date:

Matthew Stevens
Team Leader
01/31/2024



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KSTRONG INC.

TEST REPORT

SCOPE OF WORKS

ANSI/ASSP Z359.14-2021 – SELF RETRACTING DEVICES

REPORT NUMBER

105713099CRT-001

ORIGINAL REPORT NUMBER

105395925CRT-001

ISSUE DATE

January 31, 2024

PAGES

11

DOCUMENT CONTROL NUMBER

GFT-OP-10a (6-March-2017)

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Address
3933 US rt. 11 Cortland, NY
13045

TEST REPORT FOR KSTRONG INC.

Report No.: 105713099CRT-001

Date: January 31, 2024

Telephone: 607-758-6246
www.intertek.com

| | |
|---|--|
| KStrong Inc. 150 N. Radnor Chester Rd. Suite F200 Radnor, PA 19087 USA | |
| Report Number | 105713099CRT-001 |
| Signed Quote Number | Qu-01419599 |
| PO Number | N/A |
| Name of Testing Laboratory Preparing the Report | |
| | Intertek Testing Services NA Inc. |
| Test Specification: | |
| Standard | ANSI/ASSP Z359.14-2021 |
| Date(s) of Testing | 4/11/2023 & 4/12/2023 |
| Product Description: | |
| Product Type | Self-Retracting Device |
| Brand Name | KStrong |
| Model Number(s) | UFS359002, UFS351102 |
| Model Share | UFS350002, UFS354002, UFS356002, UFS359506 |
| Dates Samples Received: | 03/24/2023 |

This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

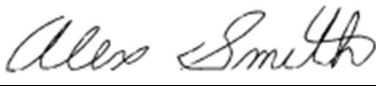

Date: January 31, 2024

SECTION 1
SUMMARY OF TESTING

| TESTS COMPLETED | TEST DATE | ANSI/ASSP Z359.14-2021 CLAUSE | STATUS |
|--|-----------|---|--------|
| General Requirements | 3/14/22 | 3.1 Report #: 104972900CRT-001 | PASS |
| Markings and instructions/User inspection, Maintenance | 3/14/22 | 5.1, 5.2/6 Report #: 104972900CRT-001 | PASS |
| Line Constituent of Self Retracting Devices (Webbing or Wire Rope) | 3/21/22 | 3.1.6/7. 1, 7. 2, or 7. 3 Report #: 104972900CRT-001 | PASS |
| Static Strength Testing of SRD's | 3/21/22 | 3.2.1/4.2.1 Report #: 104972900CRT-001 | PASS |
| Dynamic Performance (ambient) | 3/21/22 | 3.3/4.3.1 Report #: 104972900CRT-001 | PASS |
| SRL-P Wrap around Static Strength | 4/12/23 | 3.6.3 / 4.6.3 | PASS |
| SLR-P Additional Dynamic Performance (ambient) | 4/11/23 | 3.3.2 / 4.3.1 | PASS |

SECTION 2

This test report concludes the work anticipated in the testing phase of your project. If there are any questions regarding this report please contact the undersigned at 607-753-6711.

| | | | |
|----------------------|---|---------------------|---|
| COMPLETED BY: | Alex Smith | REVIEWED BY: | Matthew Stevens |
| TITLE: | Technician | TITLE: | Team Leader |
| SIGNATURE: |  | SIGNATURE |  |
| DATE | 01/31/2024 | DATE: | 01/31/2024 |

Please see attached test data for details

Date: January 31, 2024

SECTION 3

TESTING EQUIPMENT CALIBRATION INFORMATION

| USED FOR TEST | DESCRIPTION | MANUFACTURER | CONTROL NO. | MODEL NO. | SERIAL NO. | CAL. DATE | CAL. DUE |
|---------------|--------------|--------------|-------------|-----------|------------|-----------|----------|
| X | Test Weight | NA | NA | 310 lbs | - | VBU | VBU |
| X | Load Cell | PCB | N1392 | - | - | 7/22/21 | 7/22/22 |
| X | Tape Measure | Stanley | H339 | 25' | - | 5/10/21 | 5/10/22 |
| X | Load Cell | Interface | L099 | - | - | 5/10/21 | 5/10/22 |

SECTION 4

TEST DATA

| Section (Test) | Requirement | Results | Compliance | | | |
|----------------|---|----------|------------|-----|----|------|
| 3 | "Marking and Instructions" | | | | | |
| 5.1.1 | Shall be in English | | PASS | | | |
| 5.1.3 | Self-Retracting Devices shall be marked with the following: | | PASS | | | |
| | Marking | Comments | | YES | NO | NA |
| | Part number and model designation | | | X | | |
| | Year of manufacture | | | X | | |
| | Manufacturer's name or logo | | | X | | |
| | Capacity Range | | | X | | |
| | Unique ID Number | | | X | | |
| | Standard Number (Z359.14) | | | X | | |
| | How to inspect the visual indicator | | | X | | |
| | Warning to follow the manufacturer's instructions included with the equipment at time of shipment from the manufacturer | | | X | | |
| | Warning of the need for inspection in accordance with the manufacturer's instructions | | | X | | |
| | The fiber or other materials used in the lanyard construction | | | X | | |
| | The lanyard working length | | | X | | |
| | Average arresting force for the SRD class | | | X | | |
| | Arresting distance | | | X | | |
| | Proper installation means | | | X | | |
| | Warning on the need for testing the device for locking and retraction before each use | | | X | | |
| | SRD class and arrest distance | | X | | | |
| | Warning of the need to avoid lanyard contact with sharp edges and abrasive surfaces (not required for LE devices) | | X | | | |
| | Free fall limit | | X | | | |
| | Suitability for use with horizontal lifelines | | | | X | |
| | Suitability for horizontal use | | | | X | |
| | Suitability for Leading Edge capability | | | | X | |
| 5.2.1 | Instructions shall be in English, and affixed to the equipment at time of shipment from the manufacturer | | | | | PASS |

| Section (Test) | Requirement | Results | | | | Compliance |
|---|--|----------|-----|----|----|------------|
| 5.2.2 | Instructions shall contain the following information: | | | | | PASS |
| | Instructions | Comments | YES | NO | NA | |
| | A statement that the manufacturer’s instructions shall be provided to the users | | X | | | |
| | Manufacturers name, address, and telephone number | | X | | | |
| | Manufacturer’s part number and model designation for the equipment | | X | | | |
| | Intended use and purpose of the equipment | | X | | | |
| | Proper method of use and limitations on use of the equipment | | X | | | |
| | Illustrations showing locations of markings on the equipment | | X | | | |
| | Reproduction of printed information on all markings | | X | | | |
| | Inspection procedures required to assure the equipment is in serviceable condition and operating correctly | | X | | | |
| | Anchorage requirements | | X | | | |
| | Criteria for discarding equipment which fails inspection | | X | | | |
| | Procedures for cleaning, maintenance, and storage | | X | | | |
| | Reference to Z359 standards | | X | | | |
| | Proper installation means and limitations on the type of anchorage connectors used | | X | | | |
| | The fiber or other materials used in the lanyard construction | | X | | | |
| | The lanyard length | | X | | | |
| | The average arresting force when dynamically tested in accordance with the requirements of the standard | | X | | | |
| SRD class and arrest distance when dynamically tested in accordance with the requirements of the standard | | X | | | | |
| How to determine fall clearance | | X | | | | |
| Testing the device for locking before each use | | X | | | | |
| 5.2.3 | Instructions shall require that only the equipment manufacturer, or persons or entities authorized in writing by the manufacturer, shall make repairs to the equipment | | | | | PASS |
| 5.2.4 | Instructions shall require the user to remove equipment from service if it has been subjected to the forces of arresting a fall or affecting a rescue | | | | | PASS |
| 5.2.5 | Instructions shall require the user to have a written rescue plan and the means at hand to implement it when using the equipment | | | | | PASS |

| Section (Test) | Requirement | Results | Compliance | | | |
|----------------|--|----------|------------|-----|----|----|
| 5.2.6 | Instructions shall provide warnings regarding: | | PASS | | | |
| | Warnings | Comments | | YES | NO | NA |
| | Altering the equipment | | | X | | |
| | Misusing the equipment | | | X | | |
| | Using combinations of components or sub-systems, or both, which may affect or interfere with the safe function of each other | | | X | | |
| | Exposing the equipment to chemicals, high heat, severe cold, or other harsh environments which may produce a harmful effect and to consult the manufacturer in case of doubt | | | X | | |
| | Using the equipment around moving machinery and electrical hazards | | | X | | |
| | Using the equipment near sharp edges or abrasive surfaces | | | X | | |
| | Risk of striking an object or obstruction during a swing fall | | | X | | |
| | That the consequences of improperly using the device, not following instructions or markings may cause serious injury or death | | | X | | |

| Section (Test) | Requirement | Results | Compliance | | | | | | | | | | | | |
|----------------|--|--|------------|---|---|---|-----------|---------|---------|---------|----------|-----------|----------|-----------|------|
| 3.2.1/4.2.1 | <p>Line Constituent of Self Retracting Devices :</p> <p>(Webbing or Wire Rope) *Supply Line only – 5’ Sections terminated on both ends*</p> | <table border="1"> <thead> <tr> <th>Sample ID</th> <th>1</th> <th>2</th> <th>3</th> </tr> </thead> <tbody> <tr> <td>Class 1/2</td> <td>Class 1</td> <td>Class 1</td> <td>Class 1</td> </tr> <tr> <td>Broke At</td> <td>5414 lbf.</td> <td>5582 lbf</td> <td>6123 lbf.</td> </tr> </tbody> </table> | Sample ID | 1 | 2 | 3 | Class 1/2 | Class 1 | Class 1 | Class 1 | Broke At | 5414 lbf. | 5582 lbf | 6123 lbf. | PASS |
| Sample ID | 1 | 2 | 3 | | | | | | | | | | | | |
| Class 1/2 | Class 1 | Class 1 | Class 1 | | | | | | | | | | | | |
| Broke At | 5414 lbf. | 5582 lbf | 6123 lbf. | | | | | | | | | | | | |

| Section (Test) | Requirement | Results | | | Compliance | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|-----------|--|------------|-----------|-----------|------------------|----------------|-----|-----|-----------|------|---|---|--|-----|-----|-----|---|-----|-----|-----|---------------------------------|-----|-----|-----|--|-----|-----|------|---|-----|-----|-----|---------------------------|-----|-----|-----|-------------------------|-----|-----|-----|---|-----|-----|-----|------|
| 3.2.1/4.2.1 | <p>Static Strength: (ambient) shall withstand 3,000 lbs. when tested to: - apply a 3,000 lbs ,(+60/-0 lbs) load and maintain for 1-minute to the point of SRL line connection to the SRL drum (across the device)</p> | <table border="1"> <thead> <tr> <th data-bbox="743 434 946 495"></th> <th data-bbox="946 434 1091 495">Sample: 1</th> <th data-bbox="1091 434 1247 495">Sample: 2</th> <th data-bbox="1247 434 1388 495">Sample: 3</th> </tr> </thead> <tbody> <tr> <td data-bbox="743 495 946 606">Withstand load</td> <td data-bbox="946 495 1091 606">YES</td> <td data-bbox="1091 495 1247 606">YES</td> <td data-bbox="1247 495 1388 606">YES</td> </tr> </tbody> </table> | | | | Sample: 1 | Sample: 2 | Sample: 3 | Withstand load | YES | YES | YES | PASS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sample: 1 | Sample: 2 | Sample: 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Withstand load | YES | YES | YES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.3/4.3.1 | <p>Dynamic Performance: "AMBIENT"</p> <ol style="list-style-type: none"> connect 310 lb. weight extract enough line for a 36-inch free fall per Fig 5 in Test Standard. release the test weight Max Arrest distance shall not exceed 42 inches. <table border="1"> <thead> <tr> <th data-bbox="332 989 652 1050"></th> <th data-bbox="652 989 888 1050">Sample: 4</th> <th data-bbox="888 989 1123 1050">Sample: 5</th> <th data-bbox="1123 989 1359 1050">Sample: 6</th> </tr> </thead> <tbody> <tr> <td data-bbox="332 1050 652 1079">Conditioning in:</td> <td data-bbox="652 1050 888 1079">NA</td> <td data-bbox="888 1050 1123 1079">NA</td> <td data-bbox="1123 1050 1359 1079">NA</td> </tr> <tr> <td data-bbox="332 1079 652 1108">SN or ID:</td> <td data-bbox="652 1079 888 1108">4</td> <td data-bbox="888 1079 1123 1108">5</td> <td data-bbox="1123 1079 1359 1108">6</td> </tr> <tr> <td data-bbox="332 1108 652 1169">Payout and retract the line per 3.3.1.2 following test</td> <td data-bbox="652 1108 888 1169">YES</td> <td data-bbox="888 1108 1123 1169">YES</td> <td data-bbox="1123 1108 1359 1169">YES</td> </tr> <tr> <td data-bbox="332 1169 652 1230">Lock function shall operate per 3.3.1.1</td> <td data-bbox="652 1169 888 1230">YES</td> <td data-bbox="888 1169 1123 1230">YES</td> <td data-bbox="1123 1169 1359 1230">YES</td> </tr> <tr> <td data-bbox="332 1230 652 1257">Visual indicator shall activate</td> <td data-bbox="652 1230 888 1257">YES</td> <td data-bbox="888 1230 1123 1257">YES</td> <td data-bbox="1123 1230 1359 1257">YES</td> </tr> <tr> <td data-bbox="332 1257 652 1318">Max. Arrest Force: (lbs.) Class A & B < 1,800 lbs.</td> <td data-bbox="652 1257 888 1318">970</td> <td data-bbox="888 1257 1123 1318">991</td> <td data-bbox="1123 1257 1359 1318">1039</td> </tr> <tr> <td data-bbox="332 1318 652 1409">Avg Arrest Force (lbs.): Class A <1,350 lbs. Class B < 900 lbs.</td> <td data-bbox="652 1318 888 1409">719</td> <td data-bbox="888 1318 1123 1409">735</td> <td data-bbox="1123 1318 1359 1409">738</td> </tr> <tr> <td data-bbox="332 1409 652 1438">Distance Initial (in): D1</td> <td data-bbox="652 1409 888 1438">47"</td> <td data-bbox="888 1409 1123 1438">47"</td> <td data-bbox="1123 1409 1359 1438">47"</td> </tr> <tr> <td data-bbox="332 1438 652 1467">Distance Final (in): D2</td> <td data-bbox="652 1438 888 1467">76"</td> <td data-bbox="888 1438 1123 1467">73"</td> <td data-bbox="1123 1438 1359 1467">74"</td> </tr> <tr> <td data-bbox="332 1467 652 1528">Arrest Distance (in): D2-D1 < 42 Inches</td> <td data-bbox="652 1467 888 1528">29"</td> <td data-bbox="888 1467 1123 1528">26"</td> <td data-bbox="1123 1467 1359 1528">27"</td> </tr> </tbody> </table> | | | | Sample: 4 | Sample: 5 | Sample: 6 | Conditioning in: | NA | NA | NA | SN or ID: | 4 | 5 | 6 | Payout and retract the line per 3.3.1.2 following test | YES | YES | YES | Lock function shall operate per 3.3.1.1 | YES | YES | YES | Visual indicator shall activate | YES | YES | YES | Max. Arrest Force: (lbs.) Class A & B < 1,800 lbs. | 970 | 991 | 1039 | Avg Arrest Force (lbs.): Class A <1,350 lbs. Class B < 900 lbs. | 719 | 735 | 738 | Distance Initial (in): D1 | 47" | 47" | 47" | Distance Final (in): D2 | 76" | 73" | 74" | Arrest Distance (in): D2-D1 < 42 Inches | 29" | 26" | 27" | PASS |
| | Sample: 4 | Sample: 5 | Sample: 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Conditioning in: | NA | NA | NA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SN or ID: | 4 | 5 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Payout and retract the line per 3.3.1.2 following test | YES | YES | YES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lock function shall operate per 3.3.1.1 | YES | YES | YES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Visual indicator shall activate | YES | YES | YES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Max. Arrest Force: (lbs.) Class A & B < 1,800 lbs. | 970 | 991 | 1039 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Distance Final (in): D2 | 76" | 73" | 74" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Arrest Distance (in): D2-D1 < 42 Inches | 29" | 26" | 27" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Section (Test) | Requirement | Results | | | Compliance | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|-----------|--|------------|-----------|-----------|------------------|----------------|-----|-----|-----------|------|---|---|--|-----|-----|-----|---|-----|-----|-----|---------------------------------|-----|-----|-----|--|------|------|------|---|-----|-----|-----|---------------------------|-----|-----|-----|-------------------------|-------|-------|-------|---|-------|-------|-------|------|
| 3.6.3/4.6.3 | <p>Wrap-Around Strength (P-SRL) Static Strength: (ambient) shall withstand 3,600 lbs. when tested to: - apply a 3,600 lbs ,load and maintain for 1-minute to the point of SRL line connection to the SRL drum (across the device)</p> | <table border="1"> <thead> <tr> <th data-bbox="743 434 946 495"></th> <th data-bbox="946 434 1091 495">Sample: 1</th> <th data-bbox="1091 434 1247 495">Sample: 2</th> <th data-bbox="1247 434 1388 495">Sample: 3</th> </tr> </thead> <tbody> <tr> <td data-bbox="743 495 946 606">Withstand load</td> <td data-bbox="946 495 1091 606">YES</td> <td data-bbox="1091 495 1247 606">YES</td> <td data-bbox="1247 495 1388 606">YES</td> </tr> </tbody> </table> | | | | Sample: 1 | Sample: 2 | Sample: 3 | Withstand load | YES | YES | YES | PASS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sample: 1 | Sample: 2 | Sample: 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Withstand load | YES | YES | YES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.3.2/4.3.1 | <p>SLR-P Additional Dynamic Performance: "AMBIENT"</p> <ol style="list-style-type: none"> connect 310 lb. weight extract enough line for a 36-inch free fall per Fig 5 in Test Standard. release the test weight Max Arrest distance shall not exceed 42 inches. <table border="1"> <thead> <tr> <th data-bbox="332 989 652 1050"></th> <th data-bbox="652 989 888 1050">Sample: 4</th> <th data-bbox="888 989 1123 1050">Sample: 5</th> <th data-bbox="1123 989 1359 1050">Sample: 6</th> </tr> </thead> <tbody> <tr> <td data-bbox="332 1050 652 1079">Conditioning in:</td> <td data-bbox="652 1050 888 1079">NA</td> <td data-bbox="888 1050 1123 1079">NA</td> <td data-bbox="1123 1050 1359 1079">NA</td> </tr> <tr> <td data-bbox="332 1079 652 1108">SN or ID:</td> <td data-bbox="652 1079 888 1108">4</td> <td data-bbox="888 1079 1123 1108">5</td> <td data-bbox="1123 1079 1359 1108">6</td> </tr> <tr> <td data-bbox="332 1108 652 1169">Payout and retract the line per 3.3.1.2 following test</td> <td data-bbox="652 1108 888 1169">YES</td> <td data-bbox="888 1108 1123 1169">YES</td> <td data-bbox="1123 1108 1359 1169">YES</td> </tr> <tr> <td data-bbox="332 1169 652 1230">Lock function shall operate per 3.3.1.1</td> <td data-bbox="652 1169 888 1230">YES</td> <td data-bbox="888 1169 1123 1230">YES</td> <td data-bbox="1123 1169 1359 1230">YES</td> </tr> <tr> <td data-bbox="332 1230 652 1260">Visual indicator shall activate</td> <td data-bbox="652 1230 888 1260">YES</td> <td data-bbox="888 1230 1123 1260">YES</td> <td data-bbox="1123 1230 1359 1260">YES</td> </tr> <tr> <td data-bbox="332 1260 652 1320">Max. Arrest Force: (lbs.) Class A & B < 1,800 lbs.</td> <td data-bbox="652 1260 888 1320">1154</td> <td data-bbox="888 1260 1123 1320">1091</td> <td data-bbox="1123 1260 1359 1320">1109</td> </tr> <tr> <td data-bbox="332 1320 652 1409">Avg Arrest Force (lbs.): Class A <1,350 lbs. Class B < 900 lbs.</td> <td data-bbox="652 1320 888 1409">795</td> <td data-bbox="888 1320 1123 1409">797</td> <td data-bbox="1123 1320 1359 1409">776</td> </tr> <tr> <td data-bbox="332 1409 652 1438">Distance Initial (in): D1</td> <td data-bbox="652 1409 888 1438">54"</td> <td data-bbox="888 1409 1123 1438">54"</td> <td data-bbox="1123 1409 1359 1438">54"</td> </tr> <tr> <td data-bbox="332 1438 652 1467">Distance Final (in): D2</td> <td data-bbox="652 1438 888 1467">68 ½"</td> <td data-bbox="888 1438 1123 1467">69 ½"</td> <td data-bbox="1123 1438 1359 1467">69 ¼"</td> </tr> <tr> <td data-bbox="332 1467 652 1528">Arrest Distance (in): D2-D1 < 42 Inches</td> <td data-bbox="652 1467 888 1528">14 ½"</td> <td data-bbox="888 1467 1123 1528">15 ½"</td> <td data-bbox="1123 1467 1359 1528">15 ¼"</td> </tr> </tbody> </table> | | | | Sample: 4 | Sample: 5 | Sample: 6 | Conditioning in: | NA | NA | NA | SN or ID: | 4 | 5 | 6 | Payout and retract the line per 3.3.1.2 following test | YES | YES | YES | Lock function shall operate per 3.3.1.1 | YES | YES | YES | Visual indicator shall activate | YES | YES | YES | Max. Arrest Force: (lbs.) Class A & B < 1,800 lbs. | 1154 | 1091 | 1109 | Avg Arrest Force (lbs.): Class A <1,350 lbs. Class B < 900 lbs. | 795 | 797 | 776 | Distance Initial (in): D1 | 54" | 54" | 54" | Distance Final (in): D2 | 68 ½" | 69 ½" | 69 ¼" | Arrest Distance (in): D2-D1 < 42 Inches | 14 ½" | 15 ½" | 15 ¼" | PASS |
| | Sample: 4 | Sample: 5 | Sample: 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Conditioning in: | NA | NA | NA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SN or ID: | 4 | 5 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Payout and retract the line per 3.3.1.2 following test | YES | YES | YES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lock function shall operate per 3.3.1.1 | YES | YES | YES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Visual indicator shall activate | YES | YES | YES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Max. Arrest Force: (lbs.) Class A & B < 1,800 lbs. | 1154 | 1091 | 1109 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg Arrest Force (lbs.): Class A <1,350 lbs. Class B < 900 lbs. | 795 | 797 | 776 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Distance Initial (in): D1 | 54" | 54" | 54" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Distance Final (in): D2 | 68 ½" | 69 ½" | 69 ¼" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Arrest Distance (in): D2-D1 < 42 Inches | 14 ½" | 15 ½" | 15 ¼" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

SECTION 5

REVISION HISTORY

| REPORT NUMBER | DATE OF REVISION | DESCRIPTION OF CHANGE: | PROJECT OWNER | REVIEWED BY |
|------------------|------------------|------------------------|---------------|-----------------|
| 10539525CRT-001 | 04/19/2023 | Original Report | Alex Smith | Matthew Stevens |
| 105713099CRT-001 | 01/31/2024 | Report Extension | Alex Smith | Matthew Stevens |

SECTION 6
Photographs

UFS350002



UFS351102



UFS354002



SECTION 6
Photographs

UFS356002



UFS359002

